

**Statewide: Intelligent Transportation Systems  
Implementation Plan (IWAYS)**

**FY2008 Request: \$1,500,000**  
**Reference No: 40373**

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Statewide

**Contact:** John MacKinnon

**House District:** Statewide

**Contact Phone:** (907)465-6973

**Estimated Project Dates:** 07/01/2007 - 06/30/2012

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

Design and construct projects that are part of the Alaska IWAYS Architecture Implementation. Program areas include snow and ice removal, multi-modal information connections, traveler communications, internal operations, commercial vehicle operations and traveler safety and infrastructure security. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

<b>Funding:</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>	<b>FY2011</b>	<b>FY2012</b>	<b>FY2013</b>	<b>Total</b>
Fed Rcpts	\$1,500,000						\$1,500,000
Total:	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000

☒ State Match Required    ☐ One-Time Project    ☐ Phased - new    ☐ Phased - underway    ☒ On-Going  
9% = Minimum State Match % Required    ☐ Amendment    ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

**Additional Information / Prior Funding History:**

FY2007 - \$1,500,000; FY2006 - \$2,000,000; FY2005 - \$1,350,000 Supplemental; FY2004 - \$1,400,000; FY2003 - \$1,300,000.

**Project Description/Justification:**

The Alaska Department of Transportation and Public Facilities, through cooperation with local, regional, and state agencies, initiated a statewide ITS (Information Technology System) implementation plan, more commonly known as the Alaska IWAYS Architecture Implementation (AI2). AI2 sets forth a coordinated approach to improve transportation system efficiency and inter-agency communication through the effective deployment of ITS technologies in Alaska. AI2 was developed using nationally accepted guidelines (National ITS Architecture) and an approach that takes into consideration ITS activities that have occurred throughout the US.

To meet the transportation user needs, AI2 focuses on 6 program areas where intelligent transportation project deployment can provide the greatest benefits: commercial vehicle operations, multi-modal information connection, internal operations, traveler safety and infrastructure security, traveler communications, and snow and ice control. AI2 addresses the needs within each of the 6 program areas and maps them to the broader National ITS Architecture to clearly show how each of those needs can be met.